

CAC CTG GGC CTG TGC AAA TCC CGG CAG CCA GAG CCA GAG CAG GAG His Leu Gly Leu Cys Lys Ser Arg Gln Pro Glu Pro Glu Gln Glu -62	45
CCA GGG ATG TCA GAC CCC CTG CCC AAA CCT CTG CGG GAC CCT CTG Pro Gly Met Ser Asp Pro Leu Pro Lys Pro Leu Arg Asp Pro Leu	90
CCA GAC CCT CTG CTG GAC AAG CTC GTC GTC CCT GTG CTG CCC GGG Pro Asp Pro Leu Leu Asp Lys Leu Val Val Pro Val Leu Pro Gly	135
GCC CTC CAG GCG AGG CCT GGG CCT CAC ACA CAG GAT CTC TCC GAG Ala Leu Gln Ala Arg Pro Gly Pro His Thr Gln Asp Leu Ser Glu	180
CAG CAA TTC CCC ATT CCT CTC CCC TAT TGC TGG CTC TGC AGG GCT Gln Gln <u>Phe Pro Ile Pro Leu Pro Tyr</u> Cys Trp Leu Cys Arg Ala -1 1	225
CTG ATC AAG CGG ATC CAA GCC ATG ATT CCC AAG GGT GCG CTA GCT Leu Ile Lys Arg Ile Gln Ala Met Ile Pro Lys Gly Ala Leu Ala	270
GTG GCA GTG GCC CAG GTG TGC CGC GTG GTA CCT CTG GTG GCG GGC Val Ala Val Ala Gln Val Cys Arg Val Val Pro Leu Val Ala Gly	315
GGC ATC TGC CAG TGC CTG GCT GAG CGC TAC TCC GTC ATC CTG CTC Gly Ile Cys Gln Cys Leu Ala Glu Arg Tyr Ser Val Ile Leu Leu	360
GAC ACG CTG CTG GGC CGC ATG CTG CCC CAG CTG GTC TGC CGC CTC Asp Thr Leu Leu Gly Arg Met Leu Pro Gln Leu Val Cys Arg Leu	405
GTC CTC CGG TGC TCC ATG GAT GAC AGC GCT GGC CCA AGG TCG CCG Val Leu Arg Cys Ser Met Asp Asp Ser Ala Gly Pro Arg Ser Pro 81	450
ACA GGA GAA TGG CTG CCG CGA GAC TCT GAG TGC CAC CTC TGC ATG Thr Gly Glu Trp Leu Pro Arg Asp Ser Glu Cys His Leu Cys Met	495
TCC GTG ACC ACC CAG GCC GGG AAC AGC AGC GAG CAG GCC ATA CCA Ser Val Thr Thr Gln Ala Gly Asn Ser Ser Glu Gln Ala Ile Pro 110	540
CAG GCA ATG CTC CAG GCC TGT GTT GGC TCC TGG CTG GAC AGG GAA Gln Ala Met Leu Gln Ala Cys Val Gly Ser Trp Leu Asp Arg Glu	585
AAG TGC AAG CAA TTT GTG GAG CAG CAC ACG CCC CAG CTG CTG ACC Lys Cys Lys Gln Phe Val Glu Gln His Thr Pro Gln Leu Leu Thr	630
CTG GTG CCC AGG GGC TGG GAT GCC CAC ACC ACC TGC CAG GCC CTC Leu Val Pro Arg Gly Trp Asp Ala His Thr Thr Cys Gln Ala Leu	675
GGA GTG TGT GGG ACC ATG TCC AGC CCT CTC CAG TGT ATC CAC AGC Gly Val Cys Gly Thr Met Ser Ser Pro Leu Gln Cys Ile His Ser	720
CCC GAC CTT TGATGAGAAC TCAGCTGTCCA Pro Asp Leu 181	750

FIGURE 1

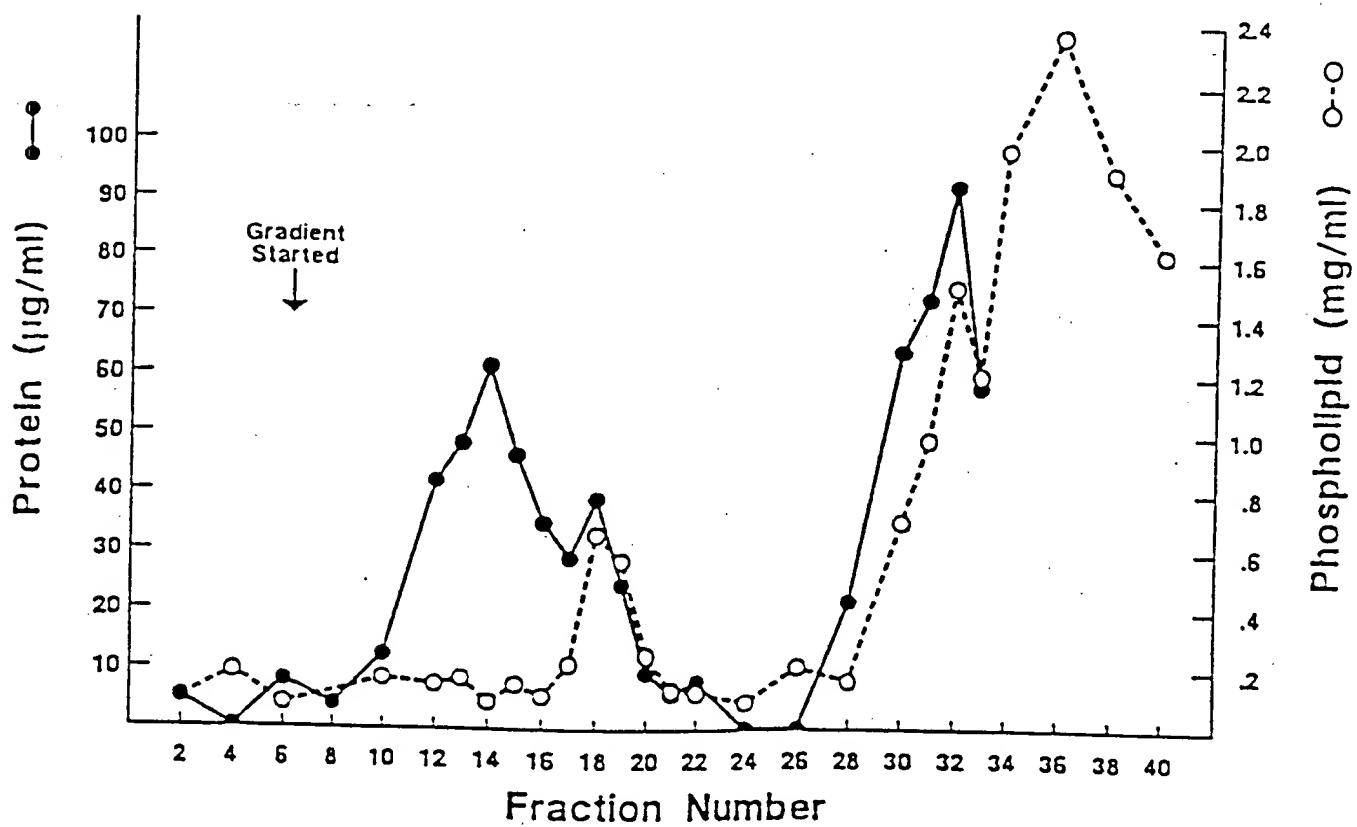


FIGURE 2

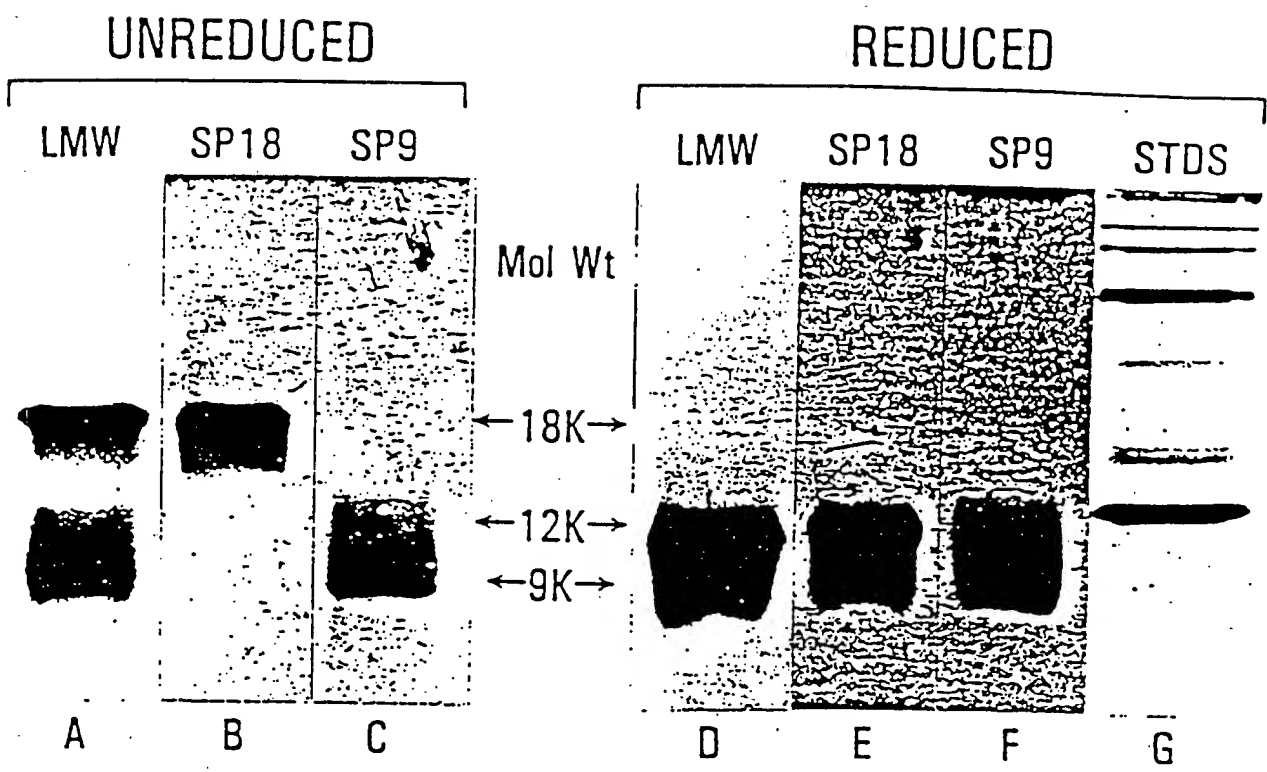


FIGURE 3

Figure 4A
Inflation

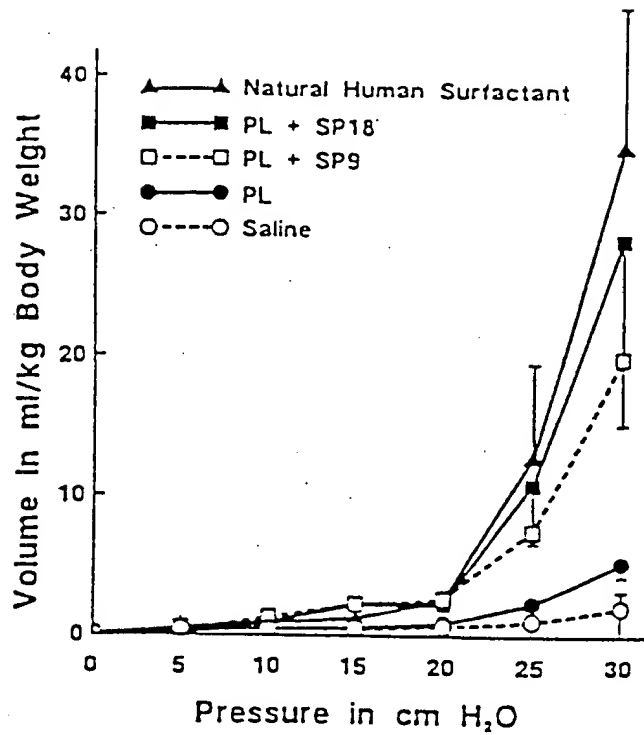


Figure 4B
Deflation

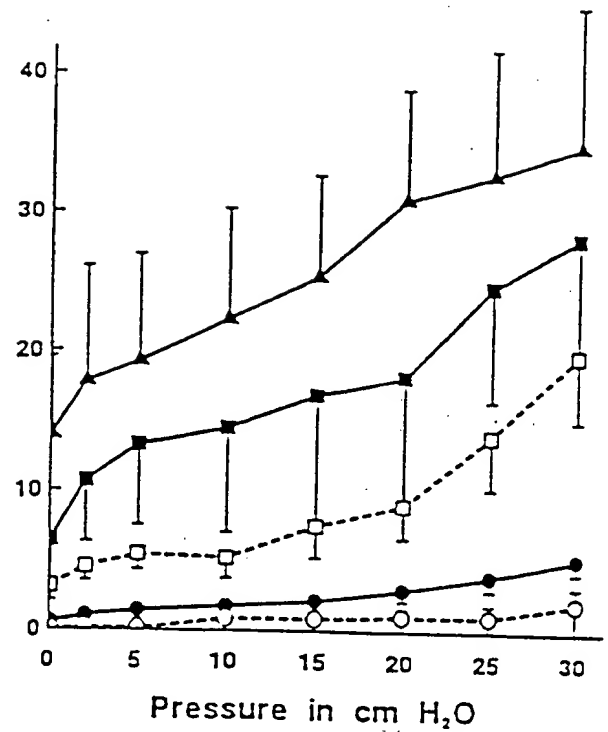


FIGURE 4

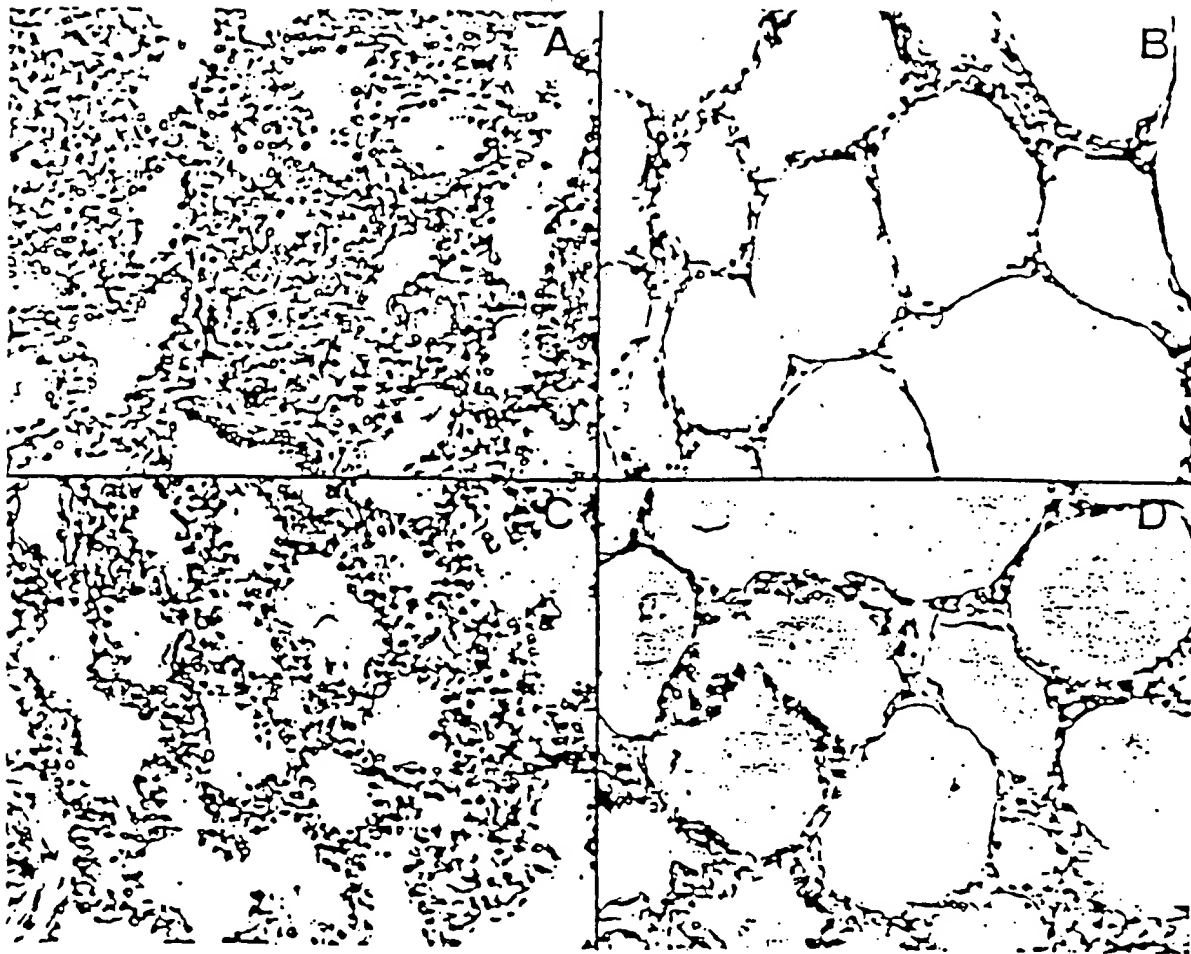


FIGURE 5

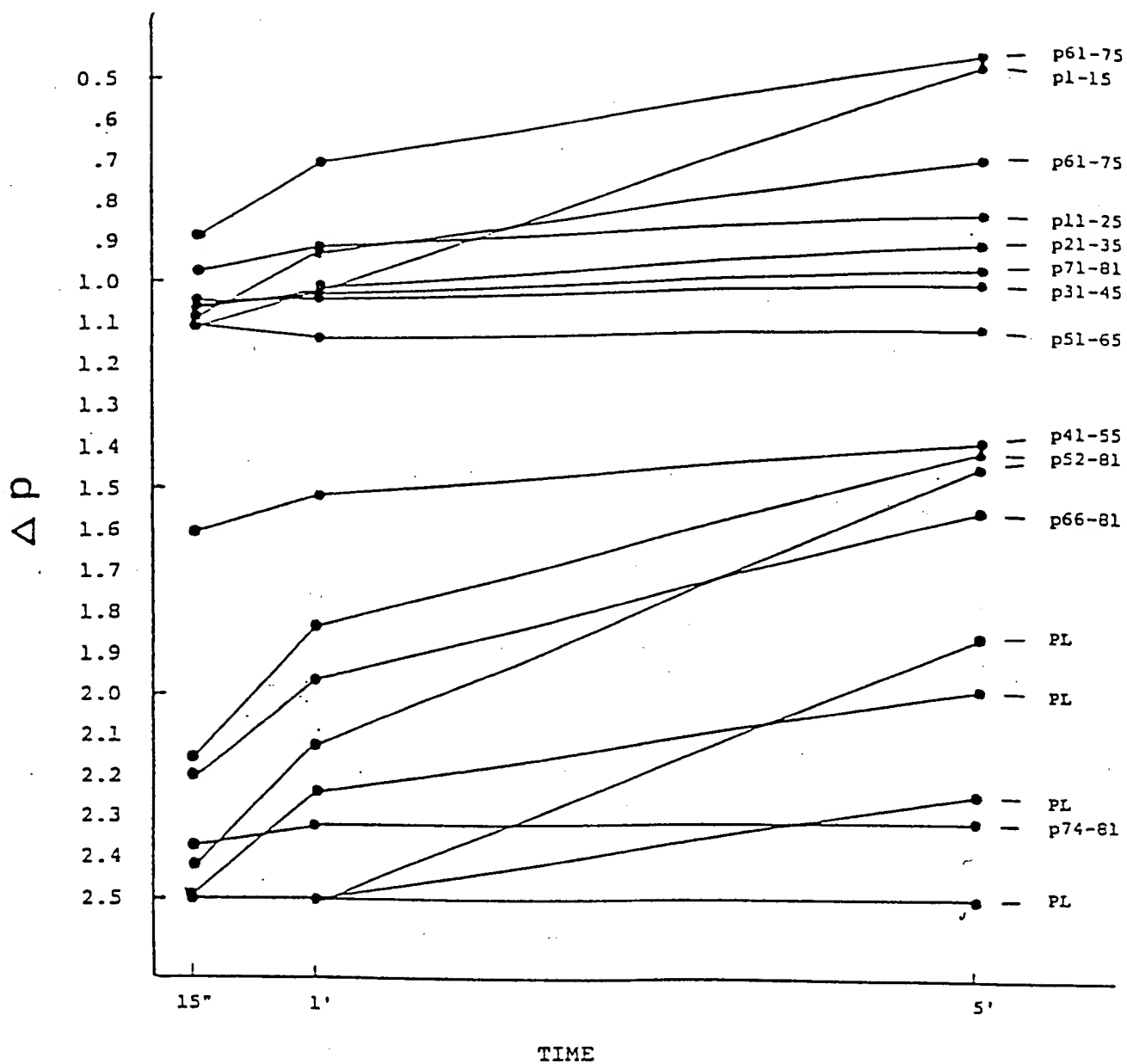


FIGURE 6

Figure 7B
DEFLATION

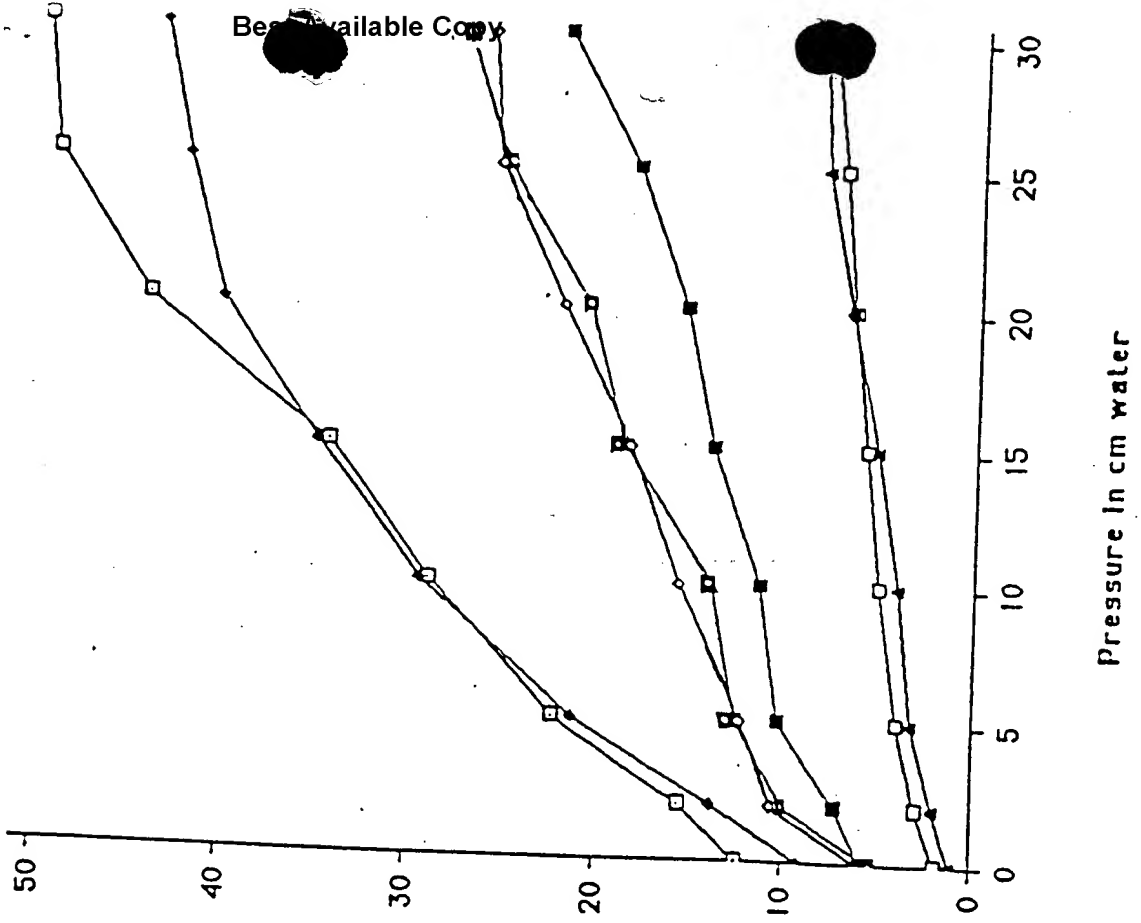


Figure 7A
INFLATION

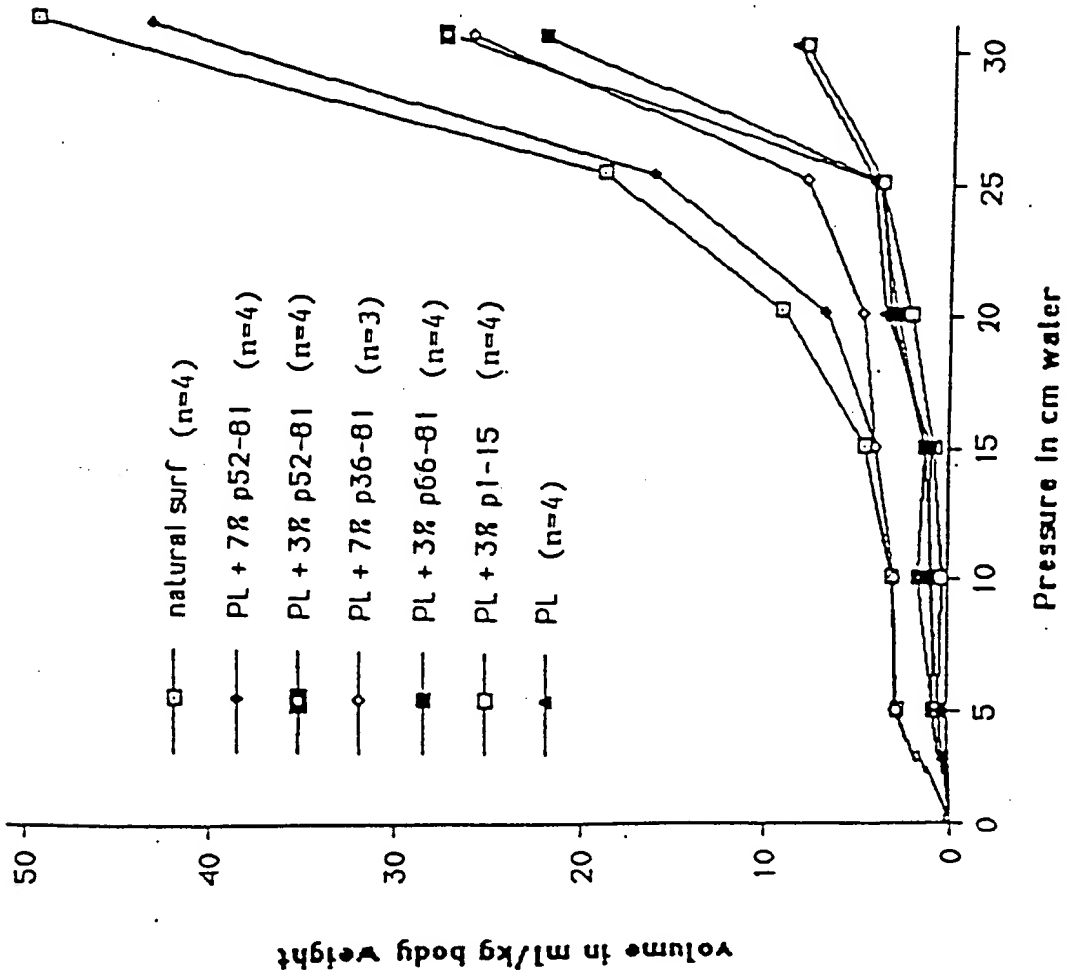
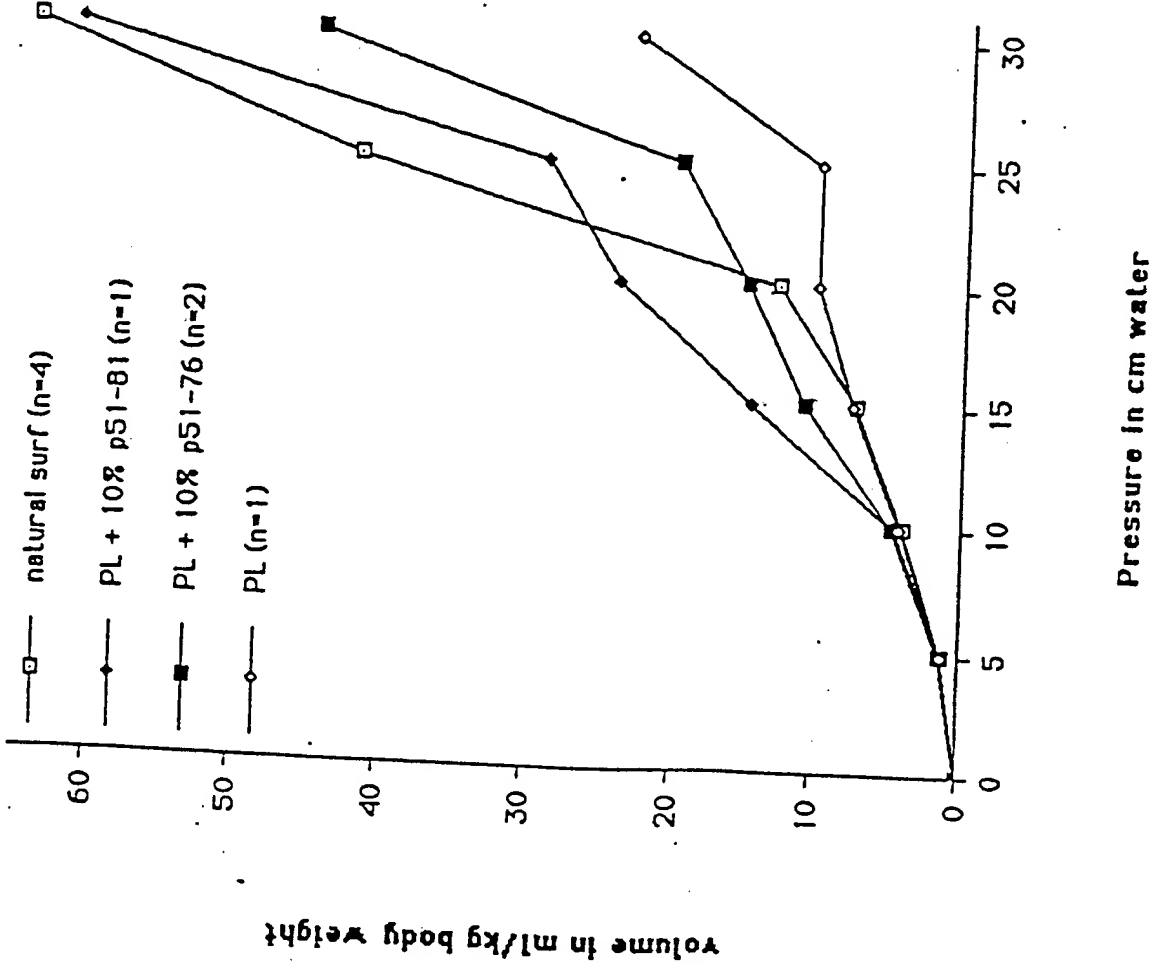


FIGURE 7

Figure 8A

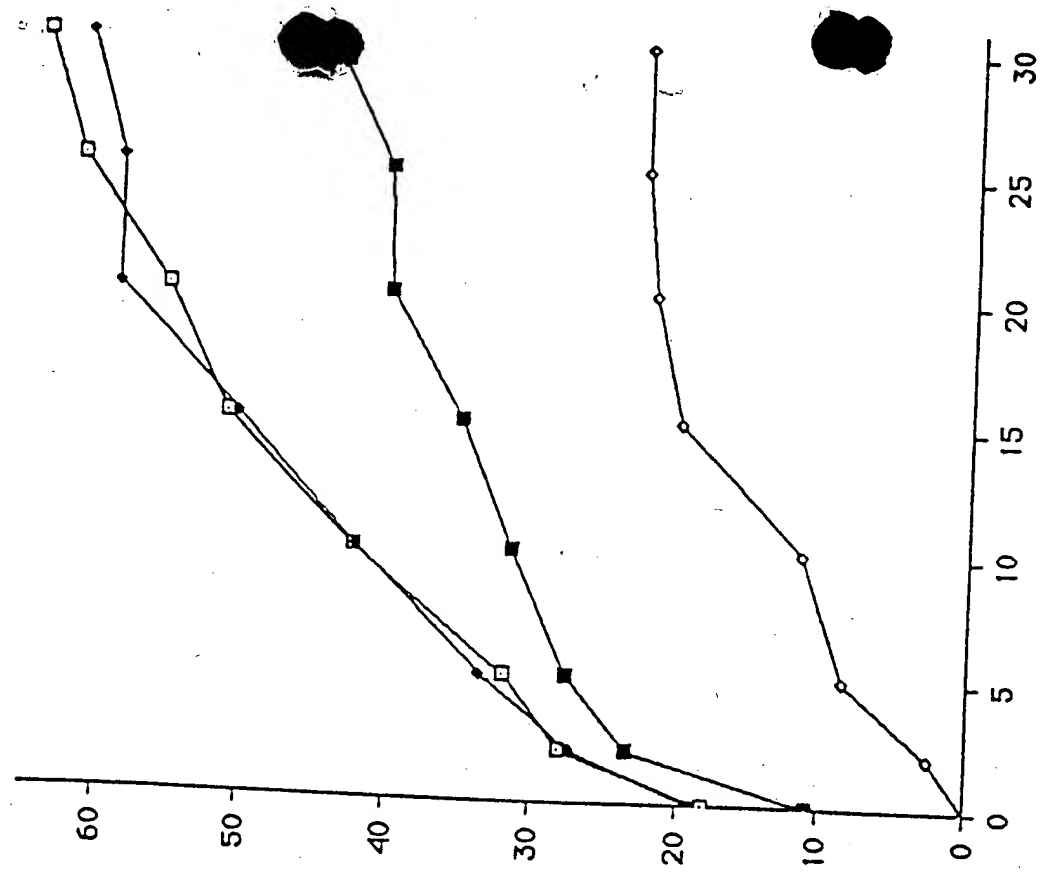
INFLATION



Pressure in cm water

volume in ml/kg body weight

Figure 8B
DEFLATION



Pressure in cm water

FIGURE 8